

Leidy, Robert

From: Douglas, Jason <jason_douglas@fws.gov>
Sent: Wednesday, February 12, 2014 8:42 AM
To: Goldmann, Elizabeth
Cc: Leidy, Robert; Doug Duncan
Subject: Re: questions on Monkey Springs

Elizabeth and Rob,

This is a fairly involved question that could require a bit of searching around and contacting colleagues and others. I'll have to hold off responding thoroughly until I can clear my other project. I'll shoot for next week, after the holiday, if that works for you.

Thanks.

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On Tue, Feb 11, 2014 at 3:15 PM, Goldmann, Elizabeth <Goldmann.Elizabeth@epa.gov> wrote:

Hi Jason,

Rob Leidy and I were looking at the Sonoita Creek Ranch (SCR) and in particular, flows from Monkey Springs. We noted that the open agricultural concrete ditch carrying Monkey Spring flows first passes through the property owner's ag land north of SCR. When you evaluated the site as mitigation under ESA, did you obtain information on the property owner/farmer's agricultural use? In particular, does the property owner/farmer use pesticides, herbicides or fertilizers? Since it is an open channel running straight through or adjacent to the fields, it is highly likely Monkey Springs flows would be exposed to any chemicals used on the property.

In addition, it is my understanding that the use of these waters would require an application to ADWR for a change in beneficial use and since it is considered for wildlife, including fish, it would be considered an "in-stream flow application." Right now, there are two pending in the Santa Cruz watershed. They were submitted in 2002 and 2005. The last one approved took 11 years.

Lastly, do you know how much wet water is available from Monkey Springs? When was the last time the owners determined how much the spring is currently producing?

Thanks! I look forward to hearing from you.

-Elizabeth